



Brass Fetcher Ballistic Testing

Exterior Ballistics • Terminal Ballistics

www.BrassFetcher.com

9x18mm Police Load Data

04 November 11

Projectile
90gr Hornady XTP

Propellant
VV N310

Cartridge Case
Fiocchi

Primer
CCI 500

Barrel Length
2.75"

Crimp Pressure
None

Charge Weight
(grain)

Muzzle Velocity
(ft/sec)

Kinetic Energy
(ft*lbf)

2.9	1002	201
2.9	947	179
2.9	964	186
2.9	943	178
2.9	937	176

AVERAGE
Standard Deviation

959
26

184
10

3.0	969	188
3.0	941	177
3.0	978	191
3.0	937	176
3.0	934	174

AVERAGE
Standard Deviation

952
20

181
8

3.1	956	183
3.1	957	183
3.1	979	192
3.1	952	181
3.1	954	182

AVERAGE
Standard Deviation

960
11

184
4

3.2	964	186
3.2	964	186
3.2	995	198
3.2	1005	202
3.2	1021	208

AVERAGE
Standard Deviation

990
25

196
10

<u>Charge Weight</u> (grain)	<u>Muzzle Velocity</u> (ft/sec)	<u>Kinetic Energy</u> (ft*lbf)
3.3	1032	213
3.3	1048	220
3.3	1031	212
3.3	1046	219
3.3	1041	217
AVERAGE	1040	216
Standard Deviation	8	3
3.4	1088	237
3.4	1089	237
3.4	1055	222
3.4	1073	230
AVERAGE	1076	232
Standard Deviation	16	7
3.5	1104	244
3.5	1123	252
3.5	1079	233
AVERAGE	1102	243
Standard Deviation	22	10
3.6	1141	260
3.6	1099	241
3.6	1123	252
3.6	1141	260
3.6	1120	251
AVERAGE	1125	253
Standard Deviation	17	8

<u>Charge Weight</u> (grain)	<u>Muzzle Velocity</u> (ft/sec)	<u>Kinetic Energy</u> (ft*lbf)
3.7	1132	256
3.7	1156	267
3.7	1132	256
3.7	1132	256
AVERAGE	1138	259
Standard Deviation	12	5
3.8	1172	275
3.8	1173	275
3.8	1162	270
3.8	1147	263
AVERAGE	1164	271
Standard Deviation	12	6
3.9	1176	276
3.9	1182	279
AVERAGE	1179	278
Standard Deviation	4	2